

GenCore version 4.5  
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On nucleic - nucleic search, using sw model

Run on: September 23, 2001, 07:40:56 ; Search time 192.58 Seconds  
(without alignments)  
20.644 Million cell updates/sec

Title: US-08-978-217-13  
Perfect score: 21  
Sequence: CCGGGACATCCATGCCACCC 21  
Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0 .

Searched: 324599 seqs, 9465562 residues

Total number of hits satisfying chosen parameters: 649198

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_NA:  
 1: /cggn2\_6/patoda/2/ina/5A.COMB.seq:/\*  
 2: /cggn2\_6/patoda/2/ina/5B.COMB.seq:/\*  
 3: /cggn2\_6/patoda/2/ina/6A.COMB.seq:/\*  
 4: /cggn2\_6/patoda/2/ina/6B.COMB.seq:/\*  
 5: /cggn2\_6/patoda/2/ina/PCUS\_COMB.seq:/\*  
 6: /cggn2\_6/patoda/2/ina/backfile1.seq:/\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

**SUMMARIES**

Result No.	Score	Query Match Length	DB ID	Description
1	21	100.0	1920	US-08-746-789A-1
2	16.2	77.1	165	US-08-456-67B-1
3	16.2	77.1	165	US-08-237-411A-1
4	16.2	77.1	1228	US-08-926-246-9
5	16.2	77.1	1228	US-08-944-435-9
6	16.2	77.1	1228	US-08-926-640-5
7	15.8	75.2	1228	US-08-925-558-9
8	15.8	75.2	718	US-08-998-416-682
9	15.2	72.4	1320	US-08-611-775-8
10	15.2	72.4	1320	US-09-031-606-8
11	15.2	72.4	1515	US-09-292-788-5
12	15.2	72.4	1620	US-08-611-775-10
13	15.2	72.4	1620	US-09-031-606-10
14	15.2	72.4	1665	US-08-881-784-8
15	15.2	72.4	1665	US-09-592-788-3
16	15.2	72.4	1665	US-09-292-788-67
17	15.2	72.4	1665	US-09-063-055-1
18	15.2	72.4	1977	US-08-574-939A-3
19	15.2	72.4	2167	US-08-461-775-9
20	15.2	72.4	2167	US-09-031-606-9
21	15.2	72.4	2568	US-08-461-775-11
22	15.2	72.4	2668	US-09-031-606-11
23	15.2	72.4	2680	US-09-063-055-1
24	15.2	72.4	10763	US-08-761-288-1
25	15.2	72.4	10763	US-08-977-306-1
26	14.8	70.5	1801	US-08-557-917A-1
27	14.8	70.5	1801	US-09-084-133-1

**ALIGMENTS**

RESULT 1  
US-08-746-789A-1  
Sequence 1, Application US/08746789A  
; Patent No. 5789200  
; GENERAL INFORMATION:  
; APPLICANT: Ismail Kola, Martin J. Tymons, Christine DeBouck  
; TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SmithKline Beecham Corporation  
; STREET: 709 Swedeland Road, P.O. Box 1539  
; CITY: King of Prussia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19406-0339  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM 486  
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
; SOFTWARE: MICROSOFT WORD  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/746,789A  
; FILING DATE: NO. 5789200ember 15, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: William T. Han  
; REGISTRATION NUMBER: 34,344  
; REFERENCE/DOCKET NUMBER: ATG 50024  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 610 270 5219  
; TELEFAX: 610 270 4026  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1920  
; TELEGRAM: NO  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: NO  
; US-08-746-789A-1  
; Query Match 100.0%; Score 21; DB 1; Length 1920;  
; Best Local Similarity 100.0%; Pred. No. 0 45; Indels 0; Gaps 0;  
; Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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; Sequence 780, Appli<br

Db 951 CCGGGACATCCTCATCCACCC 971  
 RESULT 2 ;  
 US-08-456-647B-1/c ;  
 Sequence 1, Application US/08456647B ;  
 Patent No. 5811516 ;  
 GENERAL INFORMATION:  
 APPLICANT: Lemke Ph.D. et al., Greg E.  
 TITLE OF INVENTION: PROTEIN-TYROSINE KINASE GENES  
 NUMBER OF SEQUENCES: 54  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Fish & Richardson P.C.  
 STREET: 4225 Executive Square, Suite 1400  
 CITY: La Jolla  
 STATE: CA  
 COUNTRY: US  
 ZIP: 92037  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/456,647B  
 FILING DATE: 02-JUN-1995  
 CLASSIFICATION: 530  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/237,401  
 FILING DATE: 02-MAY-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/884,486  
 FILING DATE: 15-MAY-1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Wetherell Ph.D., John R.  
 REGISTRATION NUMBER: 31,673  
 REFERENCE/DOCKET NUMBER: 07251/007002  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (619) 678-5099  
 TELEFAX: (619) 678-5099  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 165 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA  
 IMMEDIATE SOURCE:  
 CNAME: Tyro-1  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 1..165  
 US-08-237-401A-1  
 RESULT 4 ;  
 US-08-826-9/c ;  
 Sequence 9, Application US/08826246 ;  
 Patent No. 6048709 ;  
 GENERAL INFORMATION:  
 APPLICANT: Faib, Dean  
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR  
 TITLE OF INVENTION: THE TREATMENT AND DIAGNOSIS OF  
 TITLE OF INVENTION: CARDIOVASCULAR DISEASE  
 NUMBER OF SEQUENCES: 44  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: PENNIE & EDMONDS LLP  
 STREET: 1155 Avenue of the Americas  
 CITY: New York  
 STATE: NY  
 COUNTRY: USA  
 ZIP: 10036-2411  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/826,246

RESULT 3 ;  
 US-08-237-401A-1/c ;  
 Sequence 1, Application US/08237401A ;  
 Patent No. 5837448 ;  
 GENERAL INFORMATION:  
 APPLICANT: Lemke Ph.D. et al., Greg E.  
 TITLE OF INVENTION: PROTEIN-TYROSINE KINASE GENES  
 NUMBER OF SEQUENCES: 54  
 CORRESPONDENCE ADDRESS:





TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (703) 836-6620  
 ; TELEX/FAX: (703) 836-2021  
 ; INFORMATION FOR SEQ ID NO: 8:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 1320 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: double  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: 1..1320  
 ; US-08-461-775-8

RESULT 10  
 US-09-031-606-8  
 ; Sequence 8, Application US/09031606  
 ; Patent No. 6153404  
 ; GENERAL INFORMATION:  
 ; APPLICANT: MAZODIER, Philippe  
 ; GUGLIEMI, Gerard  
 ; TITLE OF INVENTION: REGULATORY NUCLEOTIDE SEQUENCE OF THE  
 ; TITLE OF INVENTION: INITIATION OF TRANSCRIPTION  
 ; NUMBER OF SEQUENCES: 15  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Burns, Doane, Swecker & Mathis  
 ; CITY: Alexandria  
 ; STATE: Virginia  
 ; COUNTRY: United States  
 ; ZIP: 22313-1404  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/031,606  
 ; FILING DATE: 1993-04-14  
 ; CLASSIFICATION:  
 ; PRIORITY APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/050,313  
 ; FILING DATE: 10-MAY-1993  
 ; APPLICATION NUMBER: FR 9011186  
 ; FILING DATE: 10-SEP-1990  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Crane-Fauré, Sharon E  
 ; REGISTRATION NUMBER: 36-113  
 ; REFERENCE/DOCKET NUMBER: 010830-035  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (703) 836-6620  
 ; TELEFAX: (703) 836-2021  
 ; INFORMATION FOR SEQ ID NO: 8:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 1320 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: double  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: 1..1320

RESULT 11  
 US-09-292-768-5  
 ; Sequence 5, Application US/09292768  
 ; Patent No. 6194185  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Croteau, Rodney B  
 ; APPLICANT: Lupien, Shari L  
 ; APPLICANT: Karp, Frank  
 ; TITLE OF INVENTION: RECOMBINANT MATERIALS AND METHODS FOR THE PRODUCTION OF  
 ; TITLE OF INVENTION: LIMONENE HYDROXYLASES  
 ; FILE REFERENCE: WUR13463  
 ; CURRENT APPLICATION NUMBER: US/09/292,768  
 ; CURRENT FILING DATE: 1993-04-14  
 ; EARLIER APPLICATION NUMBER: 08/881,784  
 ; EARLIER FILING DATE: 1997-06-24  
 ; NUMBER OF SEQ ID NOS: 70  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 5  
 ; LENGTH: 1515  
 ; TYPE: DNA  
 ; ORGANISM: Mentha piperita  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: (1)..(1494)  
 ; US-09-292-768-5

RESULT 12  
 US-08-461-775-10  
 ; Sequence 10, Application US/08461775  
 ; Patent No. 585873  
 ; GENERAL INFORMATION:  
 ; APPLICANT: MAZODIER, Philippe  
 ; GUGLIEMI, Gerard  
 ; TITLE OF INVENTION: REGULATORY NUCLEOTIDE SEQUENCE OF THE  
 ; TITLE OF INVENTION: INITIATION OF TRANSCRIPTION  
 ; NUMBER OF SEQUENCES: 15  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Burns, Doane, Swecker & Mathis  
 ; CITY: Alexandria  
 ; STATE: Virginia  
 ; COUNTRY: United States  
 ; ZIP: 22313-1404  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/461,775  
 ; FILING DATE:

CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/050,313  
 FILING DATE: 10-MAY-1993  
 APPLICATION NUMBER: FR 9011186  
 FILING DATE: 10-SEP-1990  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Crane-Feury, Sharon E  
 REGISTRATION NUMBER: 36,113  
 REFERENCE/DOCKET NUMBER: 010830-035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (703) 836-5620  
 TELEFAX: (703) 836-2021  
 INFORMATION FOR SEQ ID NO: 10:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1620 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLogy: linear  
 MOLECULE TYPE: DNA (genomic)  
 FEATURE: CDS  
 NAME/KEY: CDS  
 LOCATION: 1..1620  
 US-08-461-775-10  
 RESULT 13  
 US-09-031-606-10  
 Sequence 10, Application US/09031606  
 Patent No. 6,153,404  
 GENERAL INFORMATION:  
 APPLICANT: MAZODIER, Philippe  
 APPLICANT: GUGLIEMI, Gerard  
 TITLE OF INVENTION: REGULATORY NUCLEOTIDE SEQUENCE OF THE  
 TITLE OF INVENTION: INITIATION OF TRANSCRIPTION  
 NUMBER OF SEQUENCES: 15  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Burns, Doane, Swecker & Mathis  
 STREET: George Mason Blvd., Washington & Prince Sts.  
 CITY: Alexandria  
 STATE: Virginia  
 ZIP: 22313-404  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.3.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/881,784  
 FILING DATE:  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Shelton, Dennis K.  
 REGISTRATION NUMBER: 26,997  
 REFERENCE/DOCKET NUMBER: WSR19777  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (206) 224-0718  
 TELEFAX: (206) 224-0779  
 INFORMATION FOR SEQ ID NO: 8:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1665 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLogy: linear  
 MOLECULE TYPE: cDNA  
 ORIGINAL SOURCE: ORGANISM: *Mentha x piperita*  
 IMMEDIATE SOURCE:  
 CLONE: PPM17  
 US-08-881-784-8  
 Query Match 72.4%; Score 15.2; DB 3; Length 1665;  
 Best Local Similarity 85.0%; Pred. No. 1.6e+02;

Matches	17;	Conservative	0;	Mismatches	3;	Indels	0;	Gaps	0;
Qy	1	CCGGCACATCCTCATCCACC	20						
Db	926	CCGAGACATCATCACCAACC	945						

RESULT 15

US-08-292-768-3

; Sequence 3, Application US/08292768

; Patent No. 6194185

; GENERAL INFORMATION:

; APPLICANT: Croteau, Rodney B

; APPLICANT: Lupien, Sharri L

; TITLE OF INVENTION: RECOMBINANT MATERIALS AND METHODS FOR THE PRODUCTION OF

; FILE REFERENCE: wsurl463

; CURRENT APPLICATION NUMBER: US/08-292-768

; CURRENT FILING DATE: 1999-04-14

; EARLIER APPLICATION NUMBER: 08/481,784

; EARLIER FILING DATE: 1997-06-24

; NUMBER OF SEQ ID NOS: 70

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 3

; LENGTH: 1665

; TYPE: DNA

; ORGANISM: Mentha piperita

; FEATURE:

; NAME/KEY: CDS

; LOCATION: (19)..(1518)

; US-08-292-768-3

Query Match	72.4%	Score	15.2;	DB	4;	Length	1665;
Best Local Similarity	85.0%	Pred.	0.1e+02;				
Matches	17;	Conservative	0;	Mismatches	3;	Indels	0;
Qy	1	CCGGCACATCCTCATCCACC	20				
Db	926	ccgagacatcatcaccaacc	945				

Search completed: September 23, 2001, 07:40:57  
Job time: 16317 sec

